

Date: Monday, 2/27/2006 4:08:44 PM  
 User: Kim Johnston

## Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: STEP WELDMENT
Job Number	: 25944A		
Estimate Number	: 10176		
P.O. Number	: N/A	Part Number	: D2563
This Issue	: 2/27/2006 S.O. No. : N/A	Drawing Number	: D2563 REV C
Prsht Rev.	: NC	Project Number	: N/A
First Issue	: N/A Type : LARGE FAB ASSY	Drawing Revision	: C
Previous Run	: 25943A	Material	: N/A
Written By	: <u>See comment below</u>	Due Date	: 3/30/2006 Qty: 10 Um: Each
Checked & Approved By	: <u>06.02.28</u>		
Comment	: Est Rev:G 02.07.31 Re-format Location RF		

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	D2244116	Step Extrusion
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 10.0000 Each(s)

Pick:

1 D2244 Step Extrusion

Batch: 20457 = 6 323404 = 4

06.04.05 10

2.0	D267334	End Plate
-----	---------	-----------



Comment: Qty.: 2.0000 Each(s)/Unit Total : 20.0000 Each(s)

Pick:

Qty	Part No.	Description
2	D2673-34	End Cap

Batch

325396

06.04.05 10

3.0	D2561	Lug Plate
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Comment: Qty.: 2.0000 Each(s)/Unit Total : 20.0000 Each(s)

Pick:

Qty	Part No.	Description
2	D2561	Lug Plate

Batch

325968

06.04.05 10

4.0	D2564	Mounting Angle
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Comment: Qty.: 2.0000 Each(s)/Unit Total : 20.0000 Each(s)

Pick:

Qty	Part No.	Description
2	D2564	Mounting Angle

Batch

324496 = 6

06.04.05

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Date: Monday, 2/27/2006 4:08:44 PM  
User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: STEP WELDMENT

Job Number: 25944A

Part Number: D2563

Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

LARGE FAB 1

LARGE FABRICATION RESOURCE 1



Comment: LARGE FABRICATION RESOURCE 1

1-Cut D2244 to 89.70" at 34° as per Dwg D2563

2-Deburr ends

3-Weld (1 End Only) as per Dwg D2563 using DT 8343

A/R AL ROD Batch: M18838

4-Grind

SE 06.04.05 10

SE 06.04.05 10

SE 06.04.08 10

FF 06.04.10 10

6.0

QC5/9

WELD INSPECTION



Comment: WELD INSPECTION

SE 06.04.11 10  
PD 06.04.12

7.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Chemical Conversion Coat as per QSI 005 4.1

SAD 06.04.16 (10)

8.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

SE 06.04.17 10

9.0

LARGE FAB 1

LARGE FABRICATION RESOURCE 1



Comment: LARGE FABRICATION RESOURCE 1

1-Inspect for foreign object per QSI 024

2-Weld Remaining End as per Dwg D2563 using DT 8343

A/R AL ROD Batch: M18838

3-Grind

SE 06.04.17 10

SE 06.04.17 10

FF 06.04.19 10

10.0

QC5/9

WELD INSPECTION




Comment: WELD INSPECTION

SE 06.04.19 (10)  
PD 06.04.19 (10)

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes ☒ No ☐ DQA:  Date: 06/04/26  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Date: Monday, 2/27/2006 4:08:44 PM  
User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: STEP WELDMENT

Job Number: 25944A

Part Number: D2563

Job Number:



Seq. #:

Machine Or Operation:

Description :

11.0

POWDER COATING

POWDER COATING



Comment: POWDER COATING

Touch up Alodine then *a.m. 06-04-20 (10)*

Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3

12.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Wing Walk as per Dwg D2563 and QSI 005 4.4

*a.m. 06-04-21 (10)*

13.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

*26/4/27 (10)*

14.0

DC

DOCUMENT CONTROL



Comment: DOCUMENT CONTROL

Inspection Level 21

*SP 06/04/26 (10)*

Job Completion



*U 06-04-26*

**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

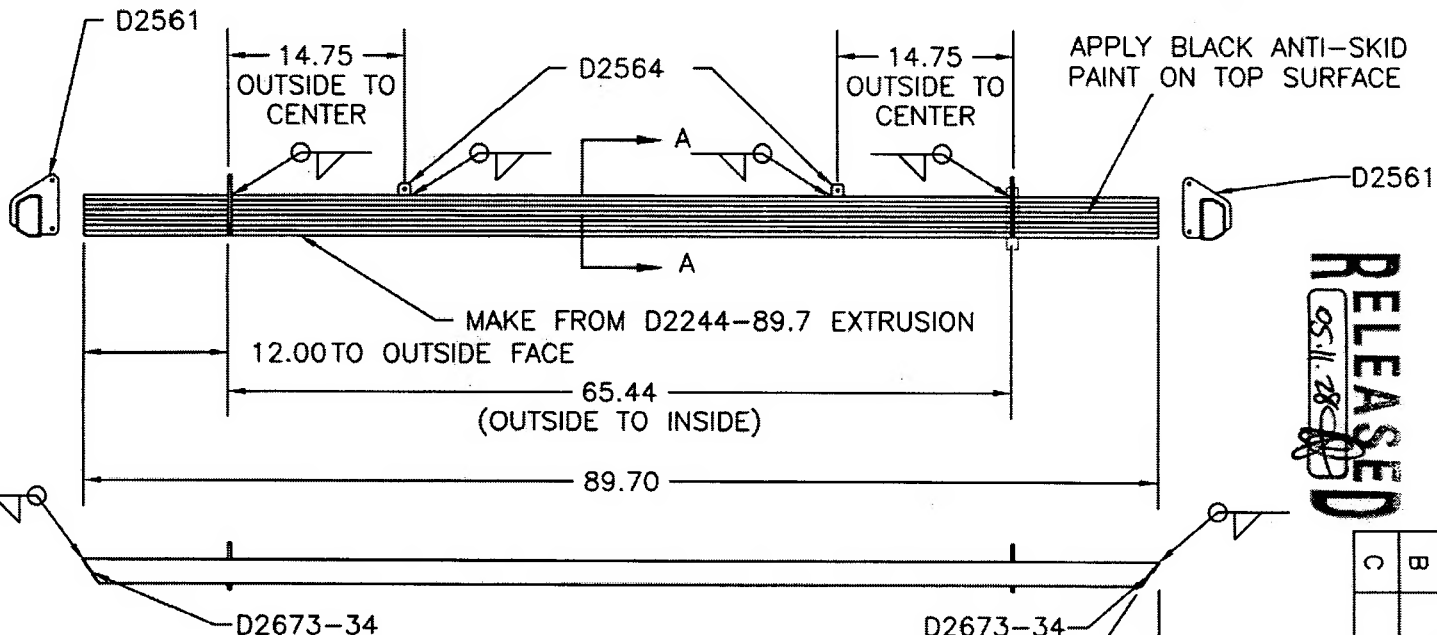
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**DART**

**RELEASED**  
05.11.28

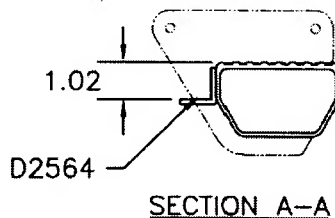
DESIGN	DRAWN BY	DART AEROSPACE LTD	REV. C
BW	44	HAMKESBURY, ONTARIO, CANADA	
CHECKED	APPROVED	DRAWING NO.	SHEET 1 OF 1
DATE		D2563	SCALE
05.11.14		STEP WELDMENT ASSEMBLY	1:15
A	96.04.26	NEW ISSUE	
B	97.05.14	END CAPS CHANGED (WAS D2248)	
C	05.11.14	UPDATE NOTES	



**D2563 STEP WELDMENT ASSEMBLY PARTS LIST**

Part No.	Description	QTY
D2563	STEP WELDMENT ASSEMBLY	X
D2244-89.7	EXTRUSION*	1
D2561	LUG PLATE	2
D2564	MOUNTING ANGLE	2

\*cut per drawing



**D2563 STEP WELDMENT ASSEMBLY NOTES**

- 1) MAKE FROM EXTRUSION D2244
- 2) WELD PER DART QSI 004
- 3) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1  
POWDER COAT ASSEMBLY WHITE (4.3.5.1) PER DART QSI 005 4.3  
MASK OFF 0.50 ON EACH SIDE OF D2561 LUGS BEFORE  
APPLYING BLACK ANTI-SKID PAINT PER DART QSI 005 4.4
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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